

FIG. 2

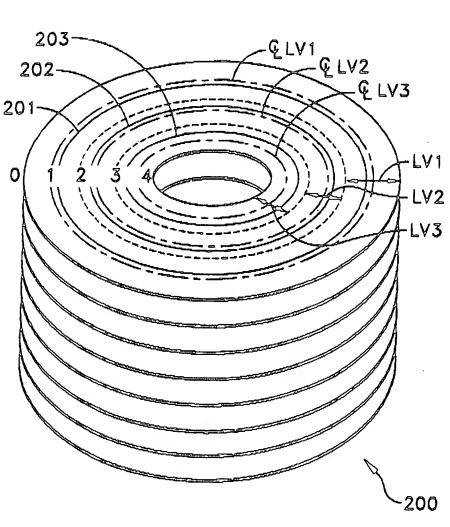


FIG. 3

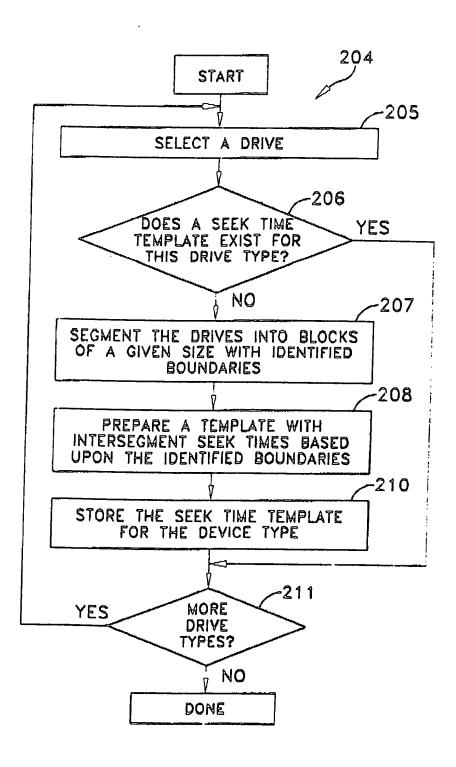


FIG. 4

	MEA	SURED S	INITIAL				
i	TARGET ADDRESS (GB)					ADDRESS (GB)	209
	0	1	2	3	4		7
•		3.0	3.2	3.4	3.8	Ō	7
			3.1	3.5	3.6	1	
		•		3.3	3.5	2	
FI	G.	5A	,		3.35	3	7

MEAS	URED	SEEK T	INITIAL			
TARGET ADDRESS (GB)					ADDRESS (GB)	22
Ō	1	2	3	4		7
1	3.0	3.2	3.4	3.8	0	7
Z.p		3.1	3.5	3.6	1	7
224			3.3	3.5	2	7
<del></del>	У -		al-q-	3.35	3	7

FIG. 5B 225

MEAS	SURED	INITIAL			
TARGET ADDRESS (GB)					ADDRESS (GB)
0	1	2	3	4	
2.8	3.0	3.2	3.4	3.8	0
	2.9**	3.1	3.5	3.6	9
		3.05 <sup>≈</sup>	3.3	3.5	2
			3.15 <sup>#</sup>	3.35	3
G. 5C				3.20°	Ą

FI

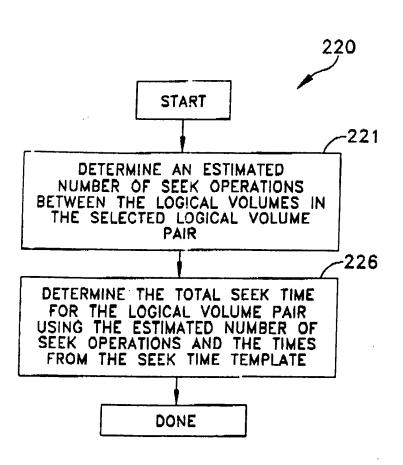


FIG. 6

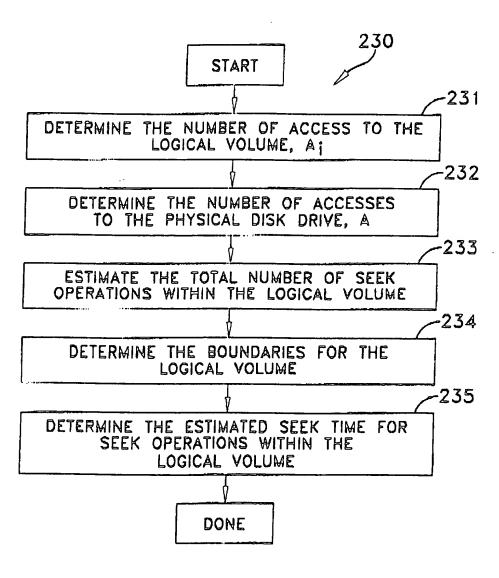


FIG. 7

	117
	START240
	COLLECT DISK ACCESS STATISTICS FOR EACH LOGICAL VOLUME IN THE
	PHYSICAL DISK DRIVE AND INITIALIZE A SEEK TIME REGISTER
	1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	INITIALIZE AN LVIPTR POINTER TO THE FIRST ITEM ON A LOGICAL VOLUME LIST FOR THE PHYSICAL DISK DRIVE
	~242
	USE THE LVIPTR POINTER TO SELECT LOGICAL VOLUME I FROM THE LIST
	/ 243
	DETERMINE AN INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUME (PROCEDURE 230 IN FIG. 7)
	ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE
	SET THE LYJPTR POINTER TO THE NEXT LOGICAL VOLUME (E.G., LYJPTR = LYIPTR + 1)
ΙΓ,	
	USE THE LVJPTR POINTER TO SELECT THE LOGICAL VOLUME ; FROM THE LOGICAL VOLUME LIST
۱,	
	DETERMINE THE INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUMES I, J (PROCEDURE 204 IN FIG. 6)
_	-250
L	ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE
	-251
	END YES
	OF LIST?
	NO 252
	INCREMENT THE LYIPTR POINTER
	END YES
	LIST?
	INCREMENT THE LVIPTR POINTER
	-255
	RECORD THE SEEK TIME IN THE SEEK TIME REGISTER
	FOR THE PHYSICAL DISK DRIVE
	DONE FIG. 8